

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|---------------------|
| S1 | 11 | naniwae-koichi.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/17 08:13 |
| S2 | 6 | ("5400740" "5679603" "6336970").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/17 08:16 |
| S3 | 2 | "6574258".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/18 04:47 |
| S4 | 7019943 | (etch\$3 or clean\$3 or remov \$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:09 |
| S5 | 9480 | (MOVPE or VPE) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:10 |
| S6 | 6469 | S4 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:10 |
| S7 | 7024 | (trimethylgallium or TMGa) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:11 |
| S8 | 739 | S5 same S7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:12 |

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|-----|---------|--------------------------------------|---|----|----|---------------------|
| S9 | 696 | S4 and S8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:12 |
| S10 | 2773752 | (sequen\$6 or intermit\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:14 |
| S11 | 15 | S8 same S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:14 |
| S12 | 667 | S5 same S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:27 |
| S13 | 221721 | (rate or flow) with S10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:27 |
| S14 | 19 | S5 same S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:28 |
| S15 | 2248 | 438/689.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:35 |
| S16 | 12 | S6 and S14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:39 |
| S17 | 380510 | ((HCl or (hydrogen adj chloride)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:46 |

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|-----|---------|---|---|----|----|---------------------|
| S18 | 60837 | S4 with S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:46 |
| S19 | 41 | S18 and S8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:47 |
| S20 | 14649 | (re\$1growth) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:51 |
| S21 | 21 | S8 same S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/21 04:52 |
| S22 | 3406209 | (clean or etch or remove) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:27 |
| S23 | 2643839 | (contaminat\$4 or contaminant or particulat\$3 or particle) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:30 |
| S24 | 253082 | S22 with S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:30 |
| S25 | 399073 | (HCl or (hydrogen adj chloride) or (hydro adj chloride)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:32 |
| S26 | 1083 | S24 with S25 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:32 |

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|-----|---------|--------------|---|----|----|---------------------|
| S27 | 32855 | (III-V) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:33 |
| S28 | 21 | S26 with S27 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:33 |
| S29 | 400845 | S22 same S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:37 |
| S30 | 6000 | S25 same S29 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:37 |
| S31 | 22 | S27 same S30 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:38 |
| S32 | 1304240 | grow\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:41 |
| S33 | 20 | S31 same S32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:41 |
| S34 | 509 | S30 same S32 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:42 |
| S35 | 3539363 | rate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:42 |

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|-----|-----|---|---|----|----|---------------------|
| S36 | 100 | S34 same S35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:42 |
| S37 | 91 | S36 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 08:43 |
| S38 | 165 | ("3310425" "3344071" "3394390" "3441000" "3471324" "3511723" "3609477" "3767984" "3904449" "3930908" "3994755" "4004953" "4062706" "4147571" "4158851" "4204893" "4279670" "4284467" "4368098" "4488914" "4504331" "4554570" "4578127" "4593301" "4688062" "4716125" "4740826" "4757029" "4890144" "4974060" "4982266" "5010386" "5021857" "5036022" "5110757" "5122848" "5140388" "5153692" "5158901" "5204871" "5212113" "5274257" "5276340" "5285093" "5302846" "5308776" "5308782" "5324673" "5379220" "5384151" "5398200" "5408130" "5426068" "5620557" "5679152" "5903017" "5932896" "5948161" "5959307" "5987048" "6118801" "6121634" "6146457" "6147364" "6176925" "6177292" "6204084" "6207005" "6210479" "6214701" "6222868" "6280523" "6284631" "6328796" "6458672" "6674098").PN. OR ("2004/0026704" "2004/0137657" "2004/0235212" "4155784" "4745448" "5400740" "5622891" "5679603" "5785755" "5827365" "6037202" "6336970" "6627552" "6982438"). | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/24 09:08 |

| | | URPN. | | | | |
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| S39 | 143 | S38 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 09:09 |
| S40 | 0 | S25 same S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 09:10 |
| S41 | 34 | S25 and S38 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 09:10 |
| S42 | 2 | "6660083".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/24 10:20 |
| S43 | 3406209 | (clean or etch or remove) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:19 |
| S44 | 399073 | (HCl or (hydrogen adj chloride) or (hydro adj chloride)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:19 |
| S45 | 56172 | S43 same S44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:19 |
| S46 | 19821 | S43 with S44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:19 |
| S47 | 3539363 | rate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:19 |

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|-----|--------|----------------|---|----|----|---------------------|
| S48 | 496 | S46 with S47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:19 |
| S49 | 118384 | (GaAs) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:20 |
| S50 | 7 | S48 with S49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:20 |
| S51 | 11192 | "L2" same S47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:26 |
| S52 | 87 | "L27" same S47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:26 |
| S53 | 0 | S49 same S52 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:27 |
| S54 | 5719 | S45 same S47 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:27 |
| S55 | 59 | S54 same S49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 06:28 |
| S56 | 1 | 10/573,492 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 08:16 |

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|-----|--------|--|---|----|----|---------------------|
| S57 | 2 | "6133593".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:21 |
| S58 | 7431 | ("POI.sub.3" or PQ3 or (t-butyl adj chloride) or TBCL) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:28 |
| S59 | 402 | S43 same S58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:28 |
| S60 | 56 | S47 same S59 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:29 |
| S61 | 403137 | (S44 or S58) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:46 |
| S62 | 56459 | S43 same S61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:46 |
| S63 | 5756 | S47 same S62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:47 |
| S64 | 19883 | S43 with S61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:48 |
| S65 | 504 | S47 with S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:48 |

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| S66 | 405 | S65 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:49 |
| S67 | 1304240 | grow\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:51 |
| S68 | 21 | S67 with S65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 09:51 |
| S69 | 52 | S67 same S65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 10:15 |
| S70 | 1203 | "I52" and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 10:15 |
| S71 | 36 | S69 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/25 10:16 |
| S72 | 677 | ((vapor adj phase adj epitax \$3) or VPE) with InP | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:11 |
| S73 | 7274084 | (etch\$3 or clean\$3 or remov \$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:13 |
| S74 | 7435 | ("PQ.sub.3" or PQ3 or (t- butyl adj chloride) or TBCL) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:13 |

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|-----|-----|--|---|----|----|---------------------|
| S75 | 1 | S72 with S73 with S74 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:13 |
| S76 | 2 | S72 same S73 same S74 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:13 |
| S77 | 201 | S72 same S73 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:15 |
| S78 | 4 | S72 same S74 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:15 |
| S79 | 176 | S77 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:17 |
| S80 | 30 | S77 same nm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:20 |
| S81 | 22 | S80 and (@pd<"20030924" or @ad<"20030924" or @rlad<"20030924") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:20 |
| S82 | 24 | S72 same re\$1growth | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/26 06:27 |
| S83 | 14 | ("5346581" "5400740" "5679603" "5679603" "5785755" "5827365" "5946582" "6336970").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/18 14:10 |

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|-----|----|--|---|----|----|---------------------|
| S84 | 1 | ("PQ1.sub.3" or PQ3) same (TMGa or TEGa or TMI n) same (intermittent or sequen\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/19 08:47 |
| S85 | 18 | ("PQ1.sub.3" or PQ3 or HCl) same (TMGa or TEGa or TMI n or TMG or TEG) same (intermittent or sequen\$6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/19 08:49 |
| S86 | 0 | ("PQ1.sub.3" or PQ3 or HCl) same (TMGa or TEGa or TMI n or TMG or TEG) same (intermittent or (on-off)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/19 08:55 |
| S87 | 0 | S86 same (on adj "and" adj off) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/19 08:56 |
| S88 | 0 | ("PQ1.sub.3" or PQ3 or HCl) same (TMGa or TEGa or TMI n or TMG or TEG) same (intermittent or (on-off) or (on adj "and" adj off)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/19 08:57 |
| S89 | 19 | ("PQ1.sub.3" or PQ3 or HCl) same (TMGa or TEGa or TMI n or TMG or TEG) and (intermittent or (on-off) or (on adj "and" adj off)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/19 08:57 |
| S90 | 12 | ("4579623" "4648940" "4734514" "4789643" "4980314" "5043291" "5114877" "5314575").PN. OR ("6358316").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:10 |
| S91 | 12 | (III-V same etch same grow \$3 same ("PQ1.sub.3" or PQ3 or HCl or "AsH.sub.3" or AsH3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:14 |
| S92 | 28 | (III-V same etch same ("PQ1.sub.3" or PQ3 or HCl)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:22 |
| S93 | 14 | ("4368098" "4488914" "4975252" "5103271").PN. OR ("5212113").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:30 |
| S94 | 12 | ("4751201" "4855249" "5068756" "5164359" "5212113" "5235210" "5311046").PN. OR ("6121153").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:31 |

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|-----|----|---|---------------------------|----|----|---------------------|
| S95 | 13 | ("5104824" "5153147" "5212113" "5298456" "5470785").PN. OR ("6030452").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:44 |
| S96 | 7 | ("4058430" "4629514" "5037775" "5153889" "5212113").PN. OR ("5868834").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:50 |
| S97 | 96 | ("3916034" "4058430" "4159819" "4160166" "4160690" "4214926" "4223046" "4277304" "4435445" "4662312").PN. OR ("4975252").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 09:53 |
| S98 | 17 | ("5229319" "5622559" "5663592" "5668047" "5703974" "5737353" "5756373" "5847415" "5862279" "5868834" "5913107" "5917846" "5917972").PN. OR ("6036771").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 10:01 |
| S99 | 8 | ("4975252" "5037775" "5201995").PN. OR ("5407531").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/19 10:05 |

8/ 19/ 2009 2:00:20 PM

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